

FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty Docket No.: 555255012125

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Serial No.: 09/545,962

Applicant(s): Major et al.

Filing Date: April 10, 2000

Group: 2153

U.S. PATENT DOCUMENTS

Exam. Init.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date
BE	5 7 0 1 4 2 3	12/23/1997	Crozier			
	5 7 5 8 1 5 0	05/26/1998	Bell et al.			
	5 9 6 8 1 3 1	10/19/1999	Mendez et al.			
	6 0 2 3 7 0 8	02/08/2000	Mendez et al.			
	6 0 8 5 1 9 2	07/04/2000	Mendez et al.			
	6 1 3 1 0 9 6	10/10/2000	Ng et al.			
	6 1 3 1 1 1 6	10/10/2000	Riggins et al.			
	6 1 5 1 6 0 6	11/21/2000	Mendez			
	6 2 3 3 3 4 1	05/15/2001	Riggins			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
BE	0 9 8 6 2 2 5	03/15/2000	EP			
	9 8 2 6 3 4 4	06/18/1998	PCT			
	9 9 0 5 6 2 0	02/04/1999	PCT			
	9 9 0 5 8 1 3	02/04/1999	PCT			
	9 9 0 6 9 0 0	02/11/1999	PCT			
	9 9 3 6 8 7 0	07/22/1999	PCT			
	0 0 1 1 5 6 7	03/02/2000	PCT			
	0 0 1 1 8 3 2	03/02/2000	PCT			
	0 0 2 0 9 9 4	04/13/2000	PCT			
	0 1 1 3 5 7 2	02/22/2001	PCT			
	0 1 7 1 5 3 9	09/27/2001	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

Examiner	<i>Bradley Goldstein</i>	Date Considered	6/24/2002
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[illegible]

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													Yes	No
BE	0	0	4	0	6	9	3	11/15/2001	US					
I	0	0	4	2	0	9	3	11/15/2001	US					
I	0	0	5	4	0	7	2	12/20/2001	US					

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Examiner

Bradley Edelman

Date Considered

6/24/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(use as many sheets as necessary)			
Sheet	1	of	1

Complete if Known	
Application Number	09/545,962
Filing Date	04/10/2000
First Named Inventor	Harry Major
Art Unit	2153
Examiner Name	Edelman
Attorney Docket Number	:55525501.2125

[illegible][illegible]

Examiner Signature	Bradley Edelman	Date Considered	6/4/2007
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Exam. Init.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date
BE	4 1 0 6 0 6 0	08/08/1978	Chapman, Jr.			
	4 6 9 5 8 8 0	09/22/1987	Johnson et al.			
	4 6 9 7 2 8 1	09/29/1987	O'Sullivan			
	4 7 1 3 7 8 0	12/15/1987	Schultz et al.			
	4 8 3 7 7 9 8	06/06/1989	Cohen et al.			
	4 8 3 7 8 0 0	06/06/1989	Freeburg et al.			
	4 8 5 6 0 4 7	08/08/1989	Saunders			
	4 9 2 8 0 9 6	05/22/1990	Leonardo et al.			
	4 9 5 1 0 4 4	08/21/1990	Nelson et al.			
	4 9 8 0 9 0 7	12/25/1990	Raith et al.			
	5 0 0 8 9 2 6	04/16/1991	Misholi			
	5 0 4 3 7 2 1	08/27/1991	May			
	5 1 2 5 0 2 1	06/23/1992	Lebowitz			
	5 1 2 7 0 4 1	06/30/1992	O'Sullivan			
	5 1 3 6 2 9 1	08/04/1992	Teague			
	5 1 5 7 6 6 0	10/20/1992	Kuwahara et al.			
	5 1 7 7 6 8 0	01/05/1993	Tsukino et al.			
	5 2 6 5 0 3 3	11/23/1993	Vajk et al.			
	5 2 8 3 8 8 7	02/01/1994	Zachery			
	5 2 9 3 2 5 0	03/08/1994	Okumura et al.			
	5 1 8 1 2 0 0	01/19/1993	Harrison			
	5 2 9 9 2 5 5	03/29/1994	Iwaki et al.			
	5 3 1 5 6 3 5	05/24/1994	Kane et al.			
	5 3 3 3 1 5 2	07/26/1994	Wilber			
	5 3 3 3 2 6 6	07/26/1994	Boaz et al.			
↓	5 4 0 6 5 5 7	04/11/1995	Baudoin			

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Exam. Init.	Document Number	Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

BE	Gifford, David K., et al., "The Application of Digital Broadcast Communication to Large Scale Information Systems." IEEE Journal on Selected Areas in Communications, vol. SAC-3, no. 3, pps. 457-467 (May 1985)
BE	Gifford, David K., et al., "An Architecture for Large Scale Information Systems," ACM, pps. 161-170 (1985)

AA

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BE	5 0 8 6 5 0 2	02/04/1992	Malcolm			
I	5 5 8 9 0 0 9	12/24/1996	Will			
	5 7 2 9 7 3 5	03/17/1998	Meyering			
	5 8 1 3 0 1 6	09/22/1998	Sumimoto			
	5 8 2 6 0 6 2	10/20/1998	Fake, Jr. et al.			
	5 8 3 8 9 2 6	11/17/1998	Yamagishi			
	5 8 7 8 4 3 4	03/02/1999	Draper et al.			
	6 1 2 5 2 8 1	09/26/2000	Wells et al.			
	6 1 6 7 3 7 9	12/26/2000	Dean et al.			
V	6 2 7 2 5 4 5	08/07/2001	Flanagin et al.			

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BE	0 0 0 1 5 5 2	05/24/2001	US				
I	0 6 1 7 3 7 3	09/28/1994	EP				
	0 7 3 6 9 8 9	10/09/1996	EP				
	0 8 3 8 7 7 4	04/29/1998	EP				
	0 9 3 0 7 6 6	07/21/1999	EP				
	9 8 4 8 5 6 0	10/29/1998	WO				
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BE	5 4 9 3 6 9 2	02/20/1996	Theimer et al.			
	5 5 7 9 4 7 2	11/26/1996	Keyworth, II et al.			
	5 6 2 7 8 2 9	05/06/1997	Gleeson et al.			
	5 7 4 2 9 0 5	04/21/1998	Pepe et al.			
	5 7 5 7 9 0 1	05/26/1998	Hiroshige			
	5 7 6 5 1 7 0	06/09/1998	Morikawa			
	5 7 8 1 9 0 1	07/14/1998	Kuzma			
	5 7 9 0 7 9 0	08/04/1998	Smith et al.			
	5 9 0 3 7 2 3	05/11/1999	Beck et al.			
	5 9 7 8 8 3 7	11/02/1999	Foladare et al.			
	6 0 8 5 2 3 2	07/04/2000	Kikinis			
	6 0 9 2 1 1 4	07/18/2000	Shaffer et al.			
	6 0 9 2 1 9 1	07/18/2000	Shimbo et al.			
	6 2 4 0 0 8 8	05/29/2001	Gayton et al.			
	6 2 5 6 6 6 6	07/03/2001	Singhal			
	6 2 7 5 8 4 8	08/14/2001	Arnold			
V	6 2 7 5 8 5 0	08/14/2001	Beyda et al.			

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BE	0 0 2 9 5 3	1	10/11/2001	US			
	0 7 7 7 3 9	4	06/04/1997	EP			
	0 7 8 8 2 8	7	08/06/1997	EP			
	0 7 9 3 3 8	7	09/03/1997	EP			
	0 8 3 8 9 3	4	04/29/1998	EP			
	0 9 2 1 4 5 5	6	08/15/1997	EP			
	9 7 2 6 7 0	9	07/24/1997	WO			
	9 8 0 0 7 8	7	01/08/1998	WO			
V	9 8 2 1 9 1	1	05/22/1998	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

BC		"BlackBerry Technical White Paper," Research In Motion Ltd., Version 1.0, 1998-1999
		Newsletter, "Battery Friendly Bulletin," Volume 1, Issue 3, pgs. 1-7 and unnumbered page, 1999
		Article, Comerford, "Handhelds Duke It Out for the Internet," Wireless Internet, pgs. 35-38 and 41, August 2000
		Press Detail, "Extended Systems and Motorola Bring Short-Range Wireless to the Paging E-volution," January 13, 2000 (3 pgs.)
		Press Detail, "3Com Corporation Licenses Bluetooth Technology from Extended Systems," February 22, 2000 (2 pgs.)
		Web site Article, Hawaleshka, "The Web in Your Pocket," Maclean's, May 15, 2000 (3 pgs.)
✓		Claxton, "Messaging API's for Voice Networks," Telecommunications, pgs. 116-120, 1998

Examiner

Bradley Edelmann

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BE	5 5 5 9 8 0 0	09/24/1996	Mousseau et al.			

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BE	9 9 1 9 9 8 8	04/22/1999	WO				
L	9 9 4 8 3 1 2	09/23/1999	WO				
L	9 9 5 0 9 7 4	10/07/1999	WO				

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Examiner *Bradley G. Delmon*

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BE	5 2 1 0 7 8 5	05/11/1993	Sato et al.			
	5 3 7 0 5 6 6	12/06/1994	Mitchell, Jr. et al.			
	5 7 5 8 0 8 8	05/26/1998	Bezaire et al.			
	5 8 1 2 6 7 1	09/22/1998	Ross, Jr.			
	5 8 5 0 4 4 4	12/15/1998	Rune			
	5 8 6 2 3 2 1	01/19/1999	Lamming et al.			
	5 9 5 1 6 3 6	09/14/1999	Zerber			
	5 9 6 6 6 6 3	10/12/1999	Gleason			
	6 1 4 4 9 9 7	11/07/2000	Lamming et al.			
	6 1 5 7 6 3 0	12/05/2000	Adler et al.			
	6 1 7 0 0 5 7	01/02/2001	Inoue et al.			
	6 2 9 2 6 6 8	09/18/2001	Alanara et al.			
	6 3 1 4 5 1 9	11/06/2001	Davis et al.			
	6 3 2 4 5 4 4	11/27/2001	Alam et al.			
	6 3 5 6 9 5 6	03/12/2002	Deo et al.			
	6 4 0 0 9 5 8	06/04/2002	Isomursu et al.			

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BE	0 9 1 8 4 1 7	05/26/1999	EP			
BE	9 9 4 5 6 8 4	09/10/1999	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

BE	Gadol, Steve, et al. "Nomadic Tenets- A User's Perspective," Sun Microsystems Laboratories, Inc., pgs. 1-16 (June 1994)
	Declaration of David A. Keeney regarding SAM System, pgs. 1-33 (September 3, 2002)
	"SAM™ integrates E-mail, Alpha Paging, Fax, and more!", SAM System for Automated Messages (10 pgs.)
	SAMpage Manual, version 2.0, TeckNow! (February 1990)
	Reiter, Alan A., "Focus on Technology," Telocator (January 1990) (4 pgs.)
	Kuehn, Carl, "More than EMail," Southwest Computer & Business Equipment Review, volume VII, no. 2, (February 1990) (1 pg.)
	SAM System for Automated Messages User's Manual (1988) (17 pgs.)
	Motorola Operating Instructions for Your "PMR 2000" Series Display Radio Pagers Personal Message Center (2000) (7 pgs.)
	Motorola PMR 2000 Personal Message Receiver POCSAG (CCIR Radio Paging Code #1) (1986) (6 pgs.)
	Undated, Information Display Pager D40, NEC Corporation (6 pgs.)

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